

Title: PERSONAL WEB GUIDE SYSTEM AND METHOD FOR
AUTOMATICALLY DISPLAYING WEB INFORMATION

Inventors: Chen-Yu Ku and Tai Wei Liu

Docket No.: DYNA117748

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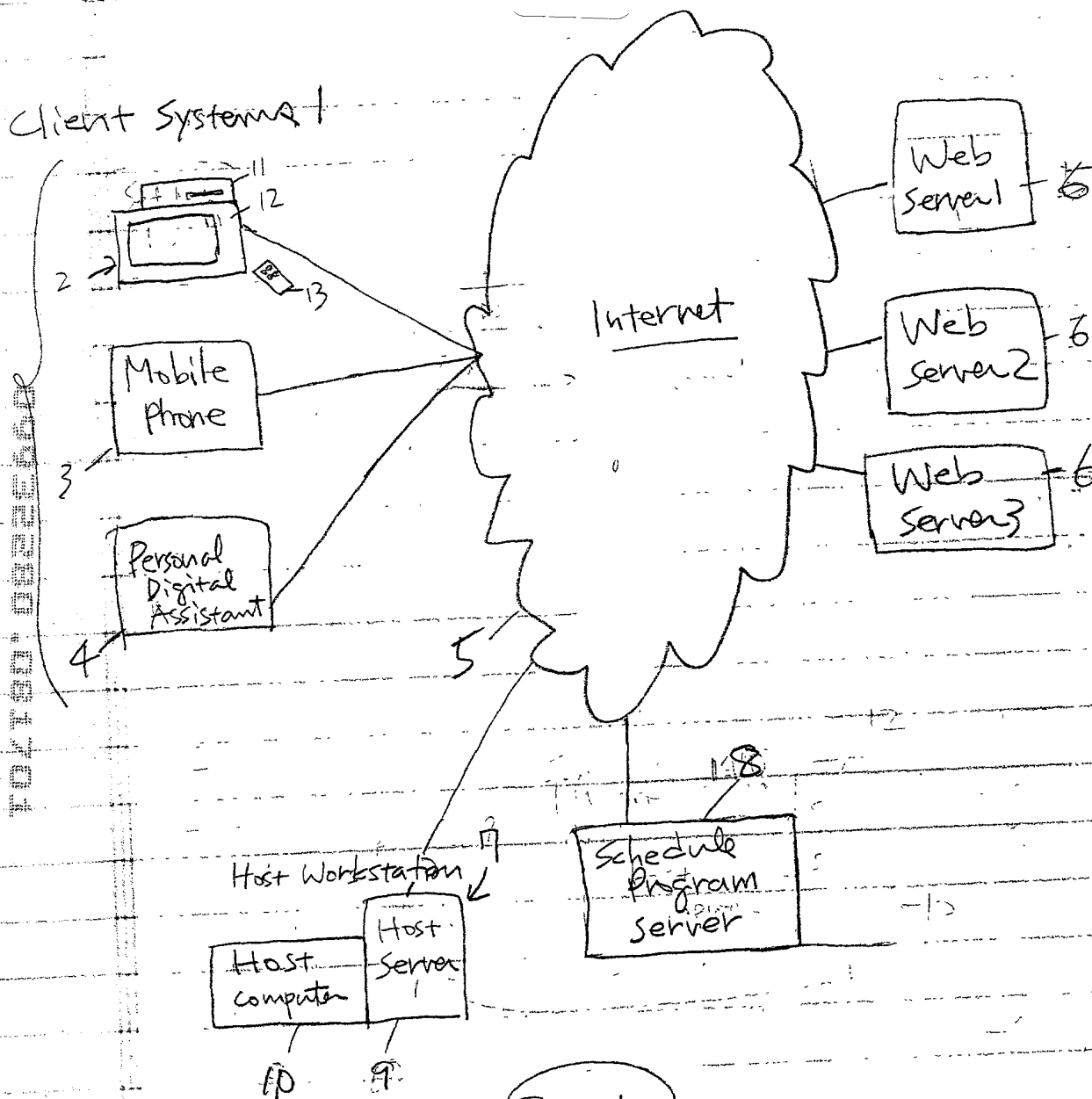


Fig. 1

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Fig. 2

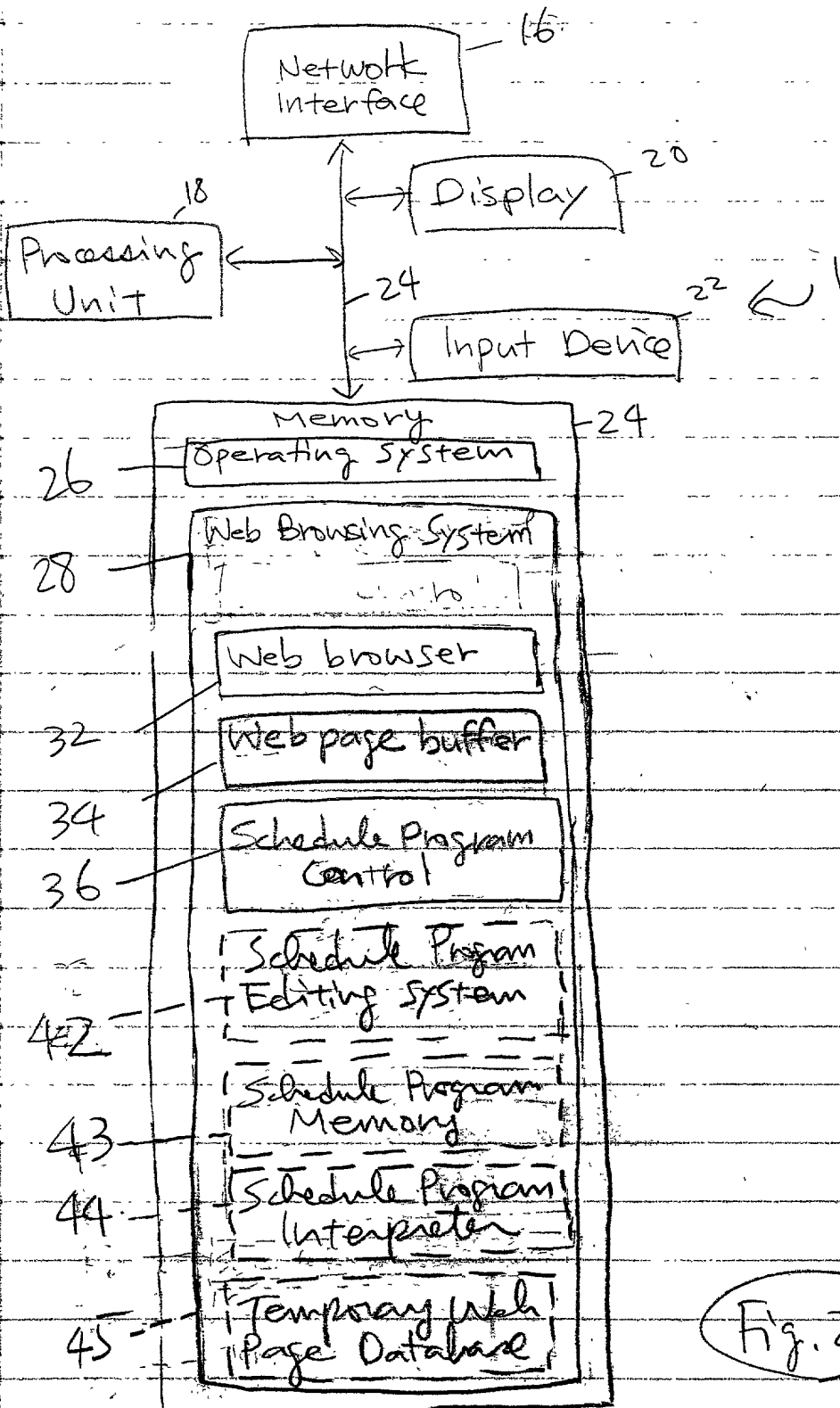


Fig. 2

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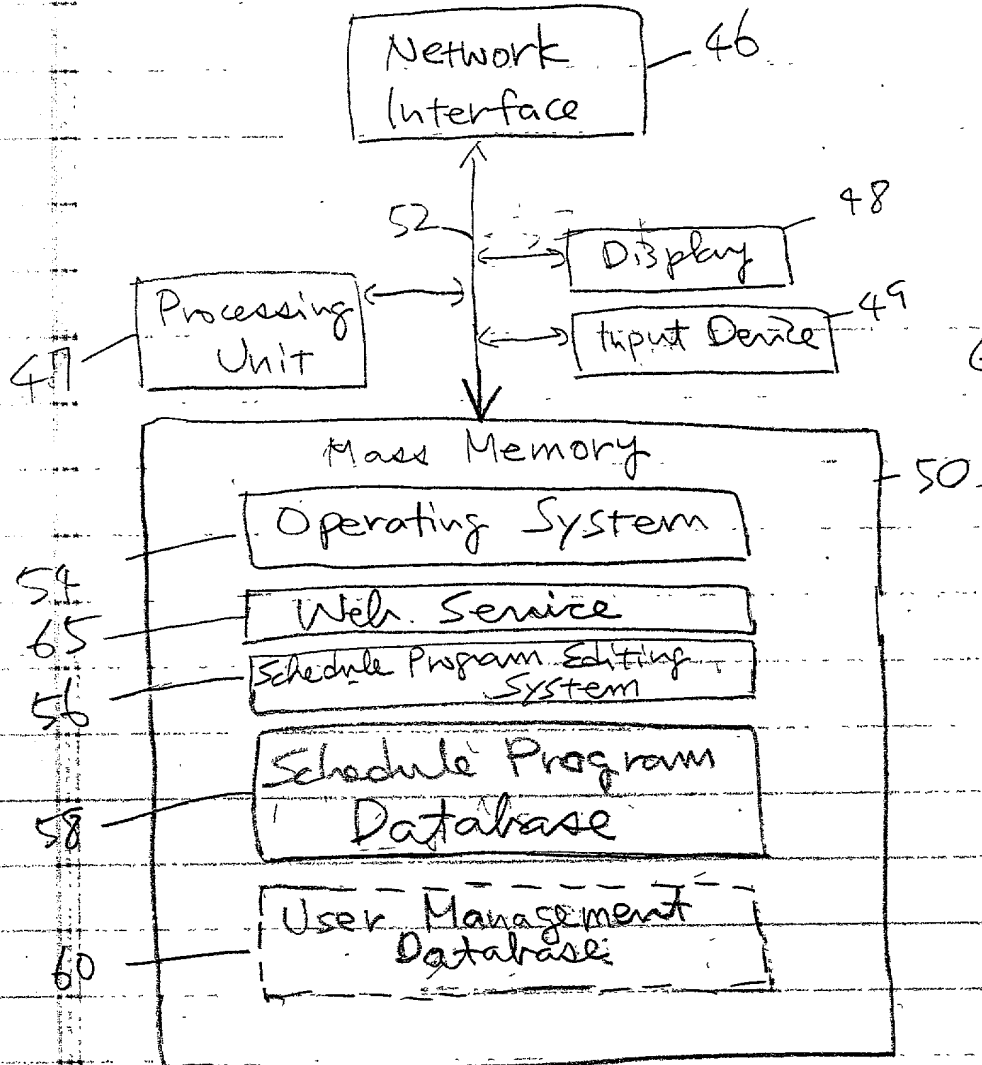


Fig. 3A

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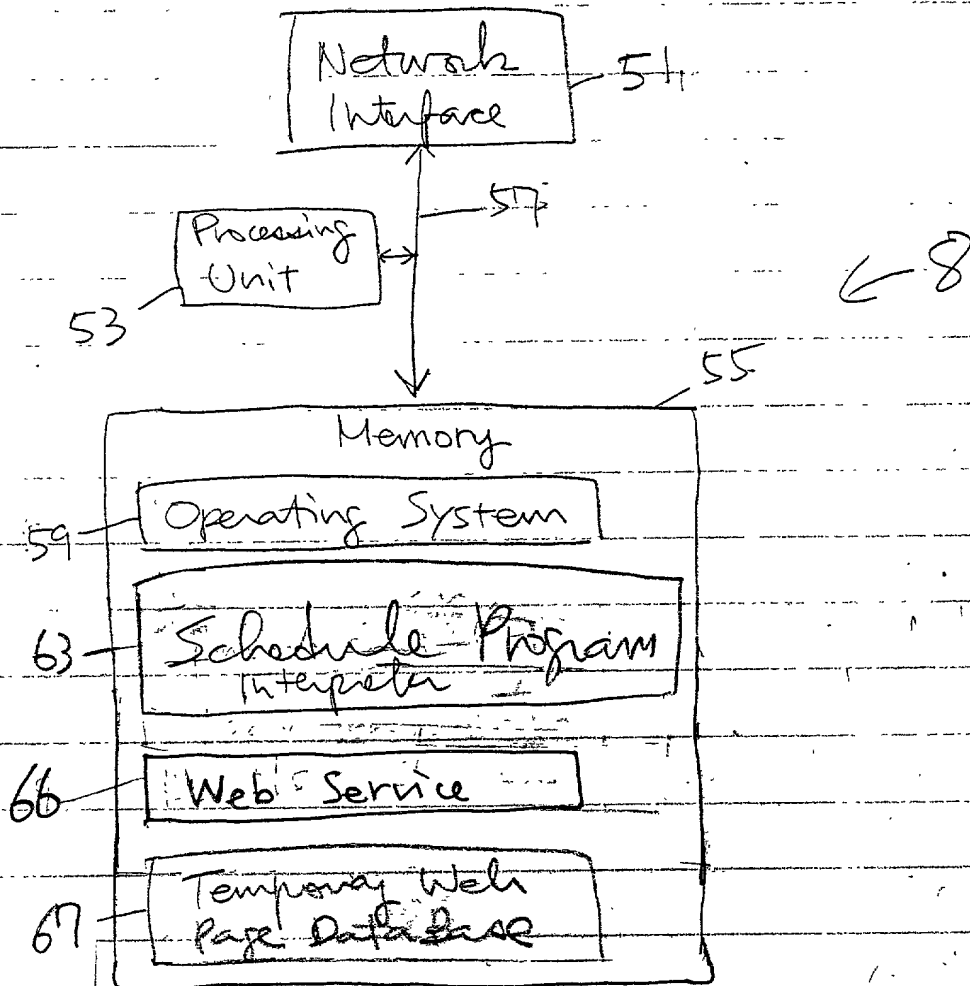


Fig. 3B

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Category	Overall Display Period	Effective Time Slot	Priority
Stock	5 min.	12:00 - 13:00	1
Order	Title	URL	Display Period
1	Stock Info. A	http://www.---	30 sec.
2	Stock Info. B	http://www.---	45 sec.
3	Stock Info. C	http://www.---	1 min.
⋮	⋮	⋮	⋮

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Fig. 4.

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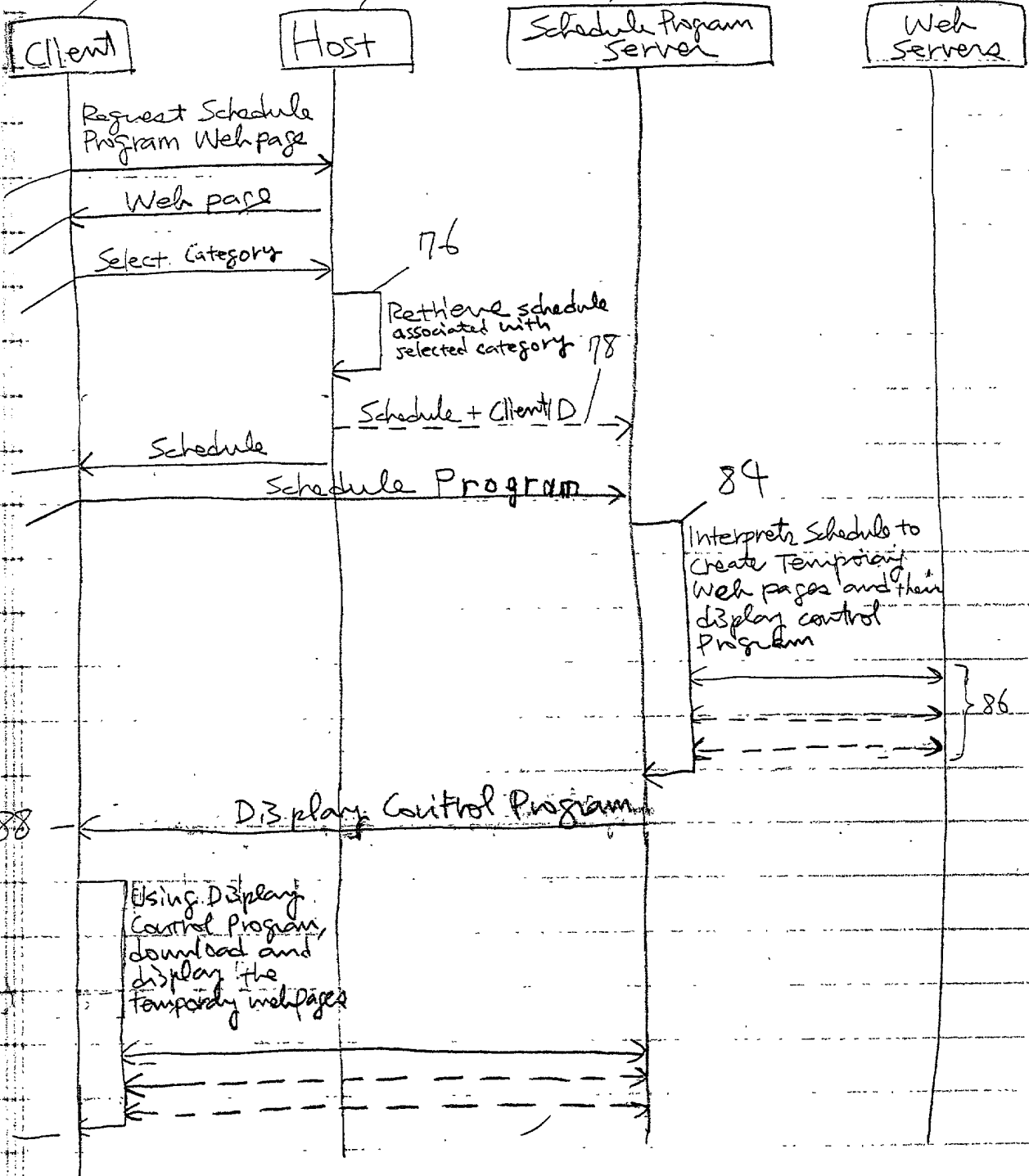


Fig. 5

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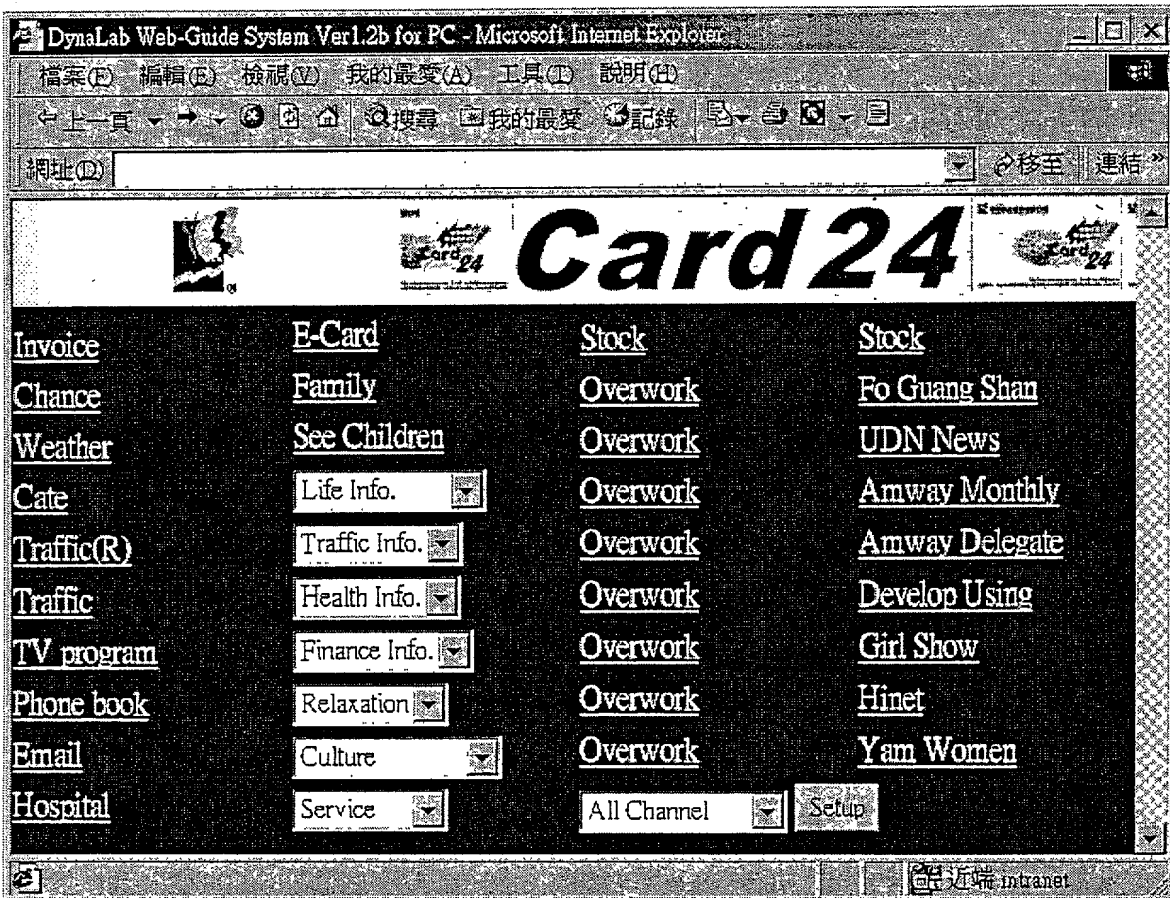


Fig. 6

Start

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Fig 7A

Selects web pages
for a specific category 92

Arranges the selected
web pages in the form of
a computer-executable
Schedule Program (FIG. 8) 94

The order and display
period of each web page
are defined using
script-order syntax 96

The horizontal and/or vertical
scrolling of each web
page are defined using
script-scroll syntax 98

The display format of each
web page is defined
using script-reformat syntax 100

Stores the program schedule
in the Schedule Program Database 102

(FIG 9A)

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A hand-drawn sketch of a web browser window. The window has a title bar at the top with two small square icons on the right. Inside the window, there are several input fields and options:

- Order**: A rectangular input field.
- Title**: A rectangular input field containing the text "Automatically filled".
- URL**: A rectangular input field containing the text "(Automatically filled)".
- Display Period**: A rectangular input field followed by the text "min.".
- Scroll Direction**: Three radio button options: "Vertical", "Horizontal", and "None".
- Scroll Speed**: A rectangular input field followed by the text "lines/sec.".
- Reformat?**: Three radio button options: "For TV screen", "For Mobile Phones", and "For Palms".

At the bottom right of the window, there are two buttons: "CANCEL" and "Complete".

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#16.7B

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<Channel hid=1 name="TodayNews">

96A → <Page pid=1 src="http://stock.kimo.com.tw/d/i/up_tse.html" time=3 >

98A → <Scroll startx=55 starty=215 speed=2 method=1 />

</Page>

96B → <Page pid=2 src="http://udnnews.com/NEWS/" time=5>

<Autolink starttag="hotnews.gif" edntag="sportnews.gif">

98B → <Scroll startx=100 starty=200 method=2 />

</Autolink>

</Page>

96C → <Page pid=3 src="http://www.cawaei.com" time=3>

<Template src="news.tpl">

<Var name="title" starttag="<title>" endtag="</title>" />

<Var name="contain" starttag="<table>" endtag="</table>" />

</Template>

</Page>

</Channel>

Fig. 8

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WebGuideEdit - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 下一頁 搜尋 我的最愛 記錄 移至 連結

網址(O):

Web Guide Channel(01) User(Admin) Now(12:03)
General · Advance · Contain · Special Effect Preview

General Options

Name: Develop Using (at most 40 characters)

ID: [1] ☐ Intranet ☒ Internet - Mapping Internet channel ID: 1.Develop Using

Permission: ☒ Public ☐ Need Account ☐ Both

Status: ☐ Disable ☒ Enable

Time: ☐ Full Day ☒ Every day from 10:00 to 24:00

Kind: ☐ for STB ☐ for PC ☒ for Both

Recommender: (at most 20 characters)

Create Time: 2001.02.01

Account: admin Time: 2001-01-31 15:34:15

Confirm Clear

不明的區域 (混合)

Fig. 9A

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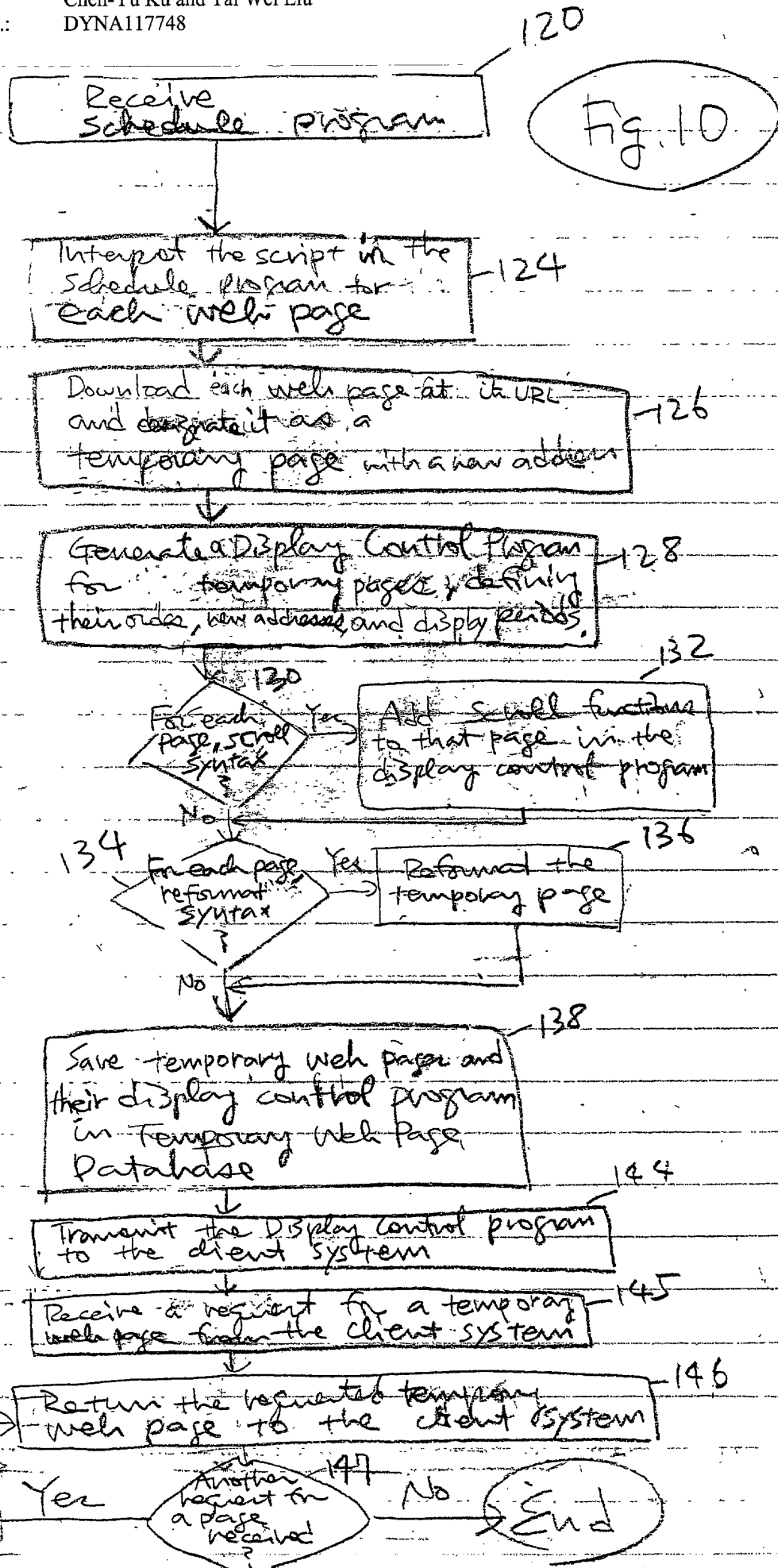
Category	Overall Display Period	Effective Time Slot	Priority

Order	Title	URL	Display Period
1			
2			
3			
⋮			

Register 107

Cancel 109

Fig. 9B



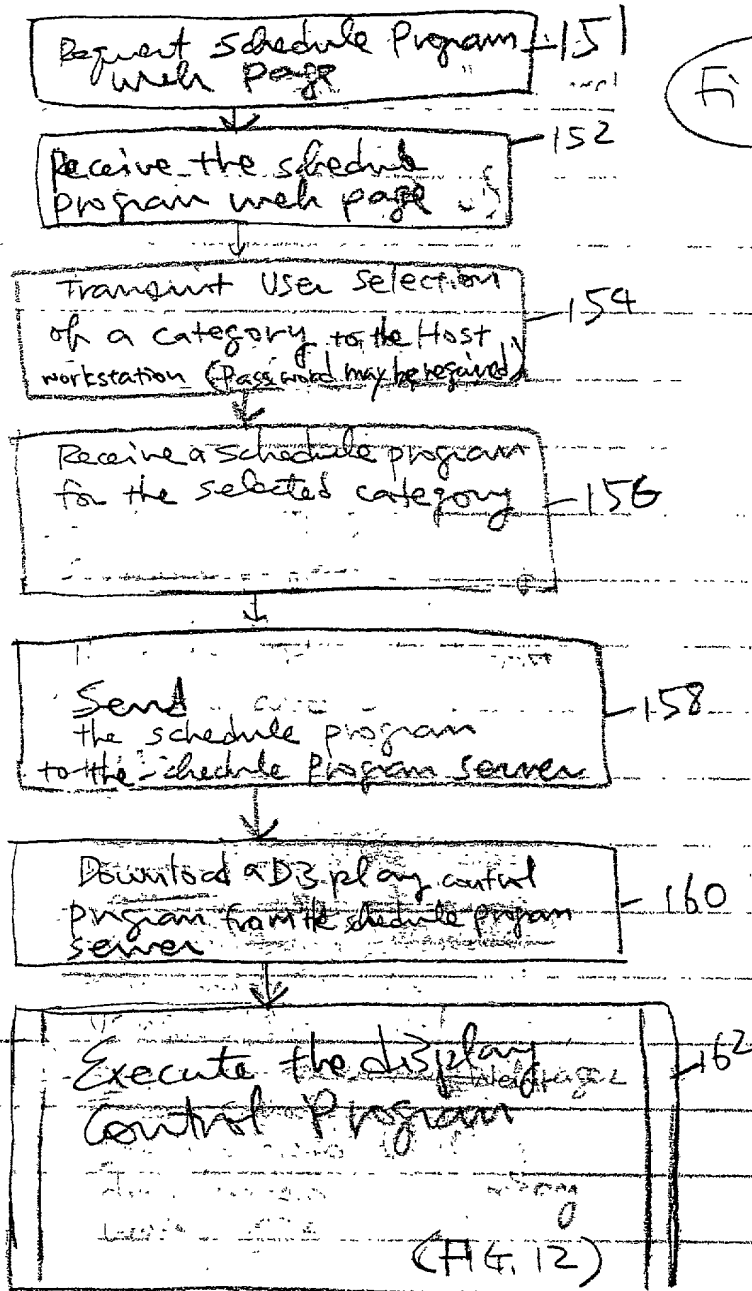


Fig. 11

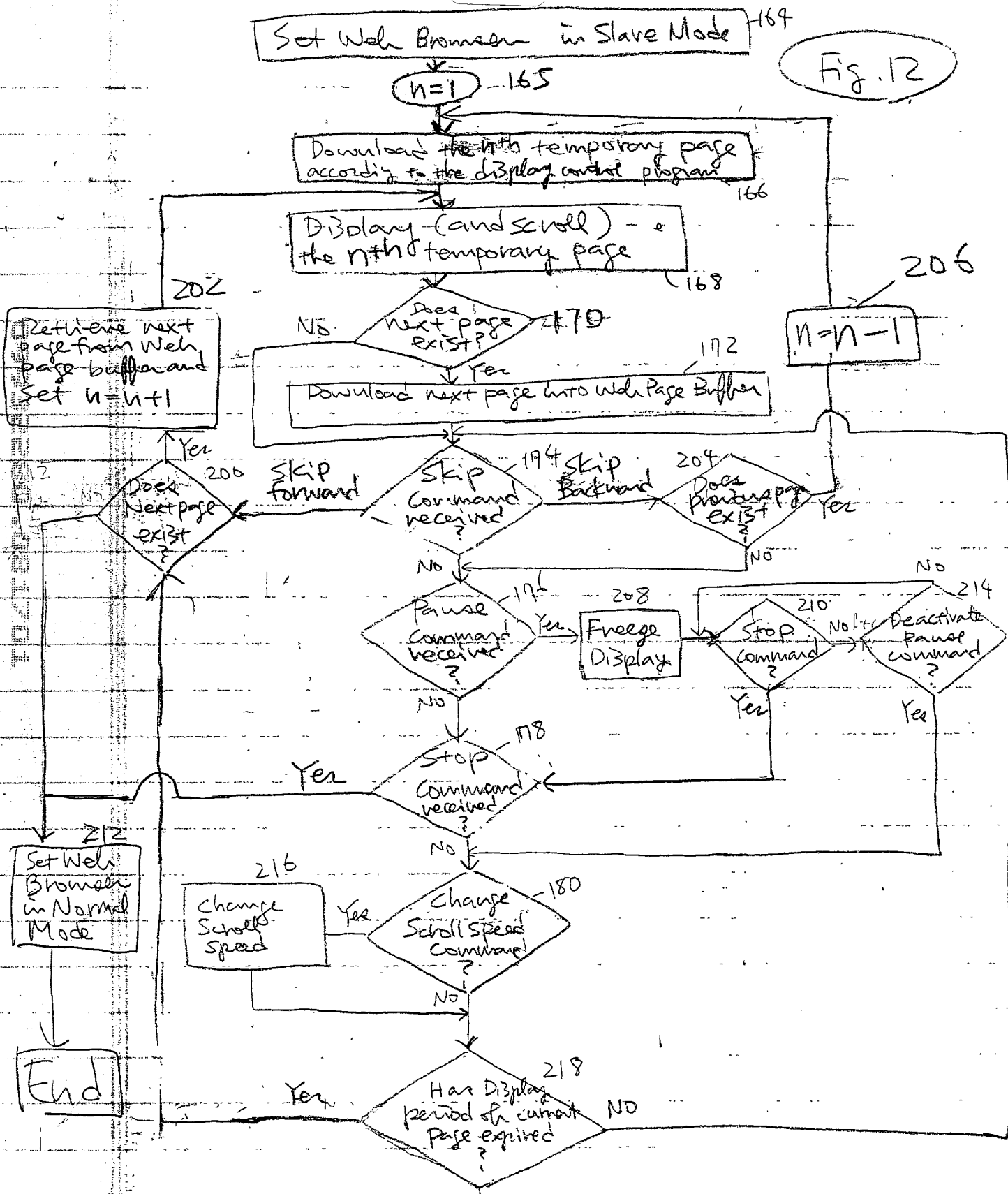
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Fig. 12



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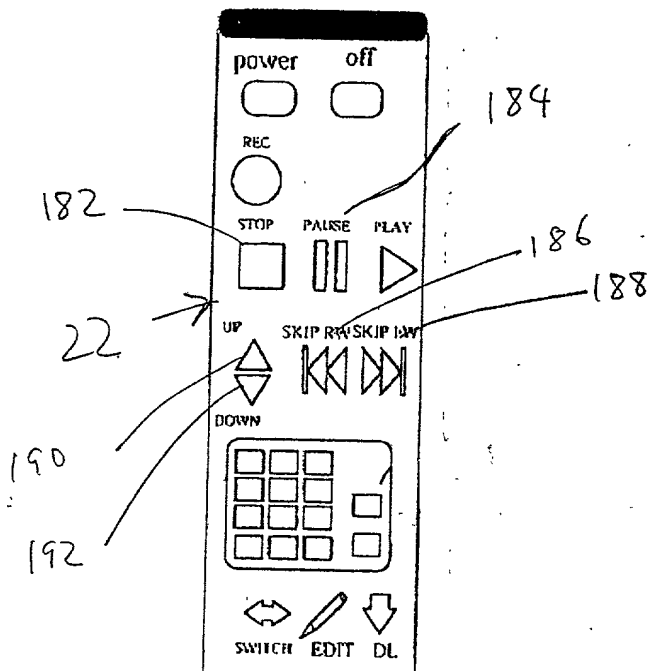


Fig. 13.